

PROPRIETARY AND CONFIDENTIAL

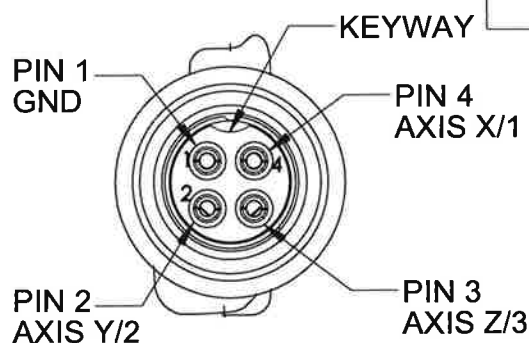
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REVISIONS

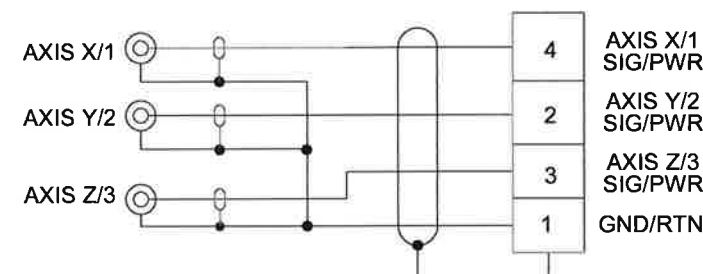
REV.	ECN	DESCRIPTION	BY/DATE	CHK	APPR
A	11598	INITIAL RELEASE	JS 12/15/14	LA	LN

3 4 CONDUCTOR, CABLE

CONDUCTORS	30 AWG 7/38 SILVER PLATED COPPER
SHIELD	SILVER PLATED COPPER BRAID, 90% MIN COVERAGE
JACKET	FEP, .006/.015 WALL, .095/.105 O.D., COLOR BLACK
PERFORMANCE	VOLTAGE RATING: 250 VOLTS. TEMPERATURE RATING: 200 ° C



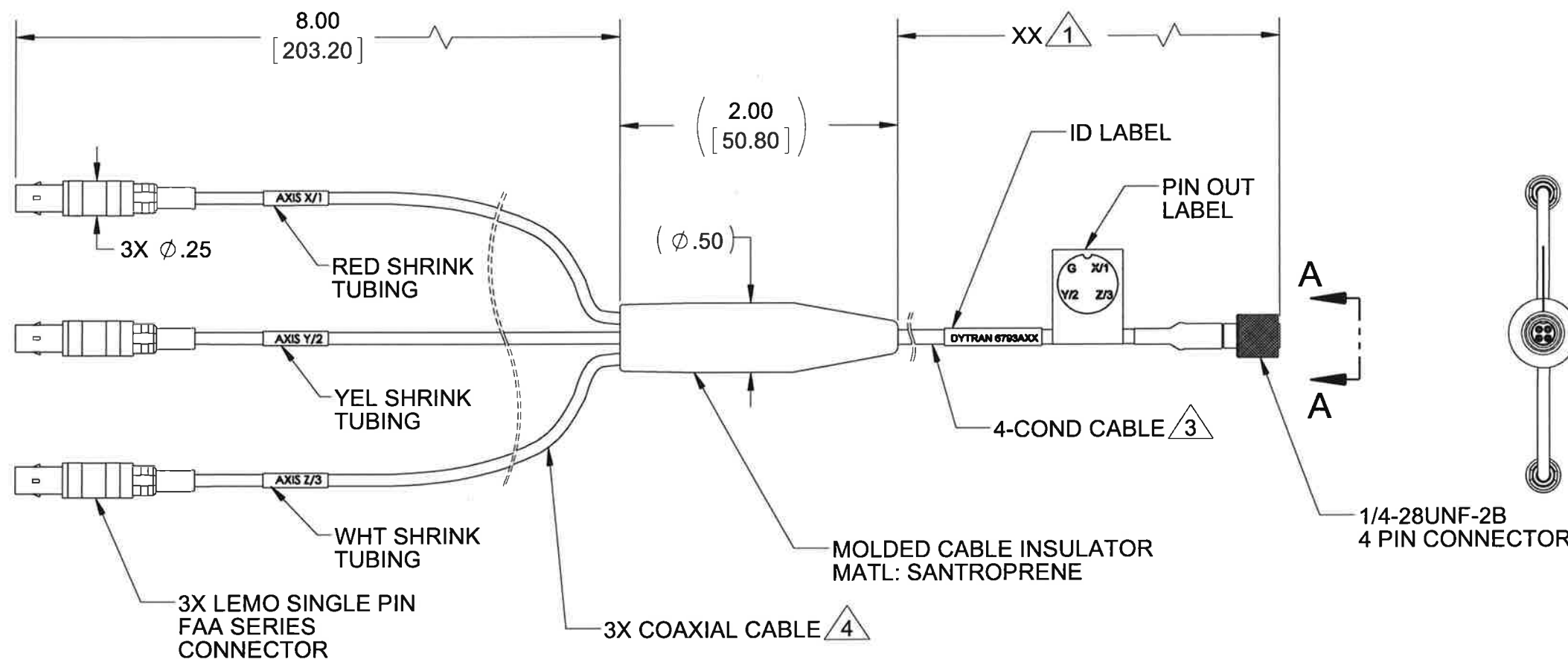
VIEW A-A
SCALE 4:1



SCHEMATIC DIAGRAM

4 SINGLE CONDUCTOR SHIELDED LOW NOISE CABLE, RG 196 A/U

AWG	30 AWG 7/38 SILVER PLATED COPPER
TEMP	200° C WIRE RATED
WITHSTANDING VOLTAGE	2000 VAC
CONDUCTOR INSULATION	EXTRUDED PTFE, NATURAL, ϕ .033 \pm .002
CAPACITANCE (SHIELD TO CONDUCTOR)	32 pF/FT
LOW NOISE WRAP #1 AND #2	CARBON TAPE
IMPEDANCE	50 OHMS
INDUCTANCE	.80 microH/FT
SHIELD	38 AWG SILVER PLATED COPPER BRAID, 95% MIN COVERAGE, ϕ .054 NOM
RESISTANCE	.20 OHM
JACKET	WHT PTFE WRAP .005-.010 WALL
DIAMETER	ϕ .074 \pm .006
MINIMUM BEND RADIUS	1 IN



- 4 SEE CABLE SPECIFICATION TABLE.
 - 3 SEE CABLE SPECIFICATION TABLE.
 - 2. TEMPERATURE RATING: -67° F (-55°C) TO 230° F (110°C).
 - 1 PART NO. 6793AXX (XX DENOTES LENGTH IN FEET)
- NOTES: UNLESS OTHERWISE SPECIFIED

1 CABLE LENGTH TOLERANCE	
≤1FT	+1/ -0 IN
>1 FT - 5 FT	+2/ -0 IN
> 5 FT - 10 FT	+4/ -0 IN
>10 FT - 25FT	+6 / -0 IN
>25 FT	+5% / -0%

UNLESS OTHERWISE SPECIFIED:
 INTERPRET DIM & TOL PER ASME Y14.5M - 1994.
 REMOVE BURRS.
 COUNTERSINK INTERNAL THDS 90° TO MAJOR DIA.
 CHAM EXT THDS 45° TO MINOR DIA.
 THD LENGTHS AND DEPTHS ARE FOR MIN FULL THDS.
 DIMENSIONS APPLY AFTER FINISHING.

ALL MACHINED SURFACES.
 TOTAL RUNOUT WITHIN .005.
 BREAK SHARP EDGES .005 TO .010.
 MACHINED FILLET RADII .005 TO .015.
 WELDING SYMBOLS PER AWS A2.4.
 ABBREVIATIONS PER MIL-STD-12.

UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES DIMENSIONS IN BRACKETS [] ARE IN MILLIMETERS TOLERANCES ARE:		
DECIMALS	METRIC	ANGLES
.XX ±.03	.X ± 0.8	±1°
.XXX ±.010	.XX ±0.25	
APPROVALS		DATE
ORIG	JS	12/01/14
CHK	LA	12/16/14
APP	LN	12/16/14
DO NOT SCALE DRAWING		

MASTER ONLY IF IN RED
 Chatsworth, CA

DYTRAN INSTRUMENTS, INC.

TITLE: **OUTLINE/INSTALLATION DRAWING, MINI 4 PIN TO (3) SINGLE PIN LEMO, 6793A**

SIZE	CAGE CODE	DWG NO	REV
B	2W033	127-6793A	A

SCALE: 1:1 SHEET 1 OF 1